

EZ  
hours and with thorough mixing in an alcoholic medium which contains water and (1) a weak mono- or polybasic acid or (2) a weak base or (3) a weak mono- or polybasic acid and a weak base or (4) an acidic or basic salt, the water and alkoxysilane employed being in a molar ratio of 2-500:1; and then

applying the prepared fluoroalkyl-functional group containing organosiloxane based composition to said fillers and pigments.--

### REMARKS

Claims 29 and 30 and newly added Claims 39-44 are active in the case. Reconsideration is respectfully requested.

Applicants' representative wishes to thank Examiner Zimmer for the helpful conversations held with him in discussing the position of the case vis-a-vis the relevant prior art. In light of this conversation, applicants have amended Claims 29 and 30 as discussed which highlights a first process step of preparing the fluoroalkyl-functional group containing organosiloxane based composition of the invention and then applying the prepared composition to fillers and pigments.

Applicants also have reinstated Claims 23, 25 and 27 and their associated dependent Claims 24, 26 and 28 as new Claims 39-44 in light of the conversation held with respect to the standing of the canceled embodiments as previously claimed in light of the applied prior art. Again, the newly added claims have been presented in a form that recites a first process step of preparing the fluoroalkyl-functional group containing organosiloxane based composition of the invention and then applying the prepared composition to appropriate substrates.

Applicants await further action from the Examiner as he now considers these claims.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon  
Attorney of Record  
Registration No.: 24,618



**22850**

TEL: 703-413-3000  
FAX: 703-413-2220

Frederick D. Vastine, Ph.D.  
Registration No.: 27,013

DOCKET NUMBER: 198277USODIV  
 SERIAL NUMBER: 09/685,341

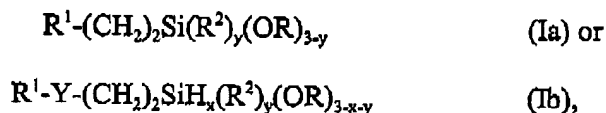
MARKED-UP COPY OF THE AMENDMENT UNDER 37 C.F.R. §1.116

IN THE CLAIMS

Please add new Claims 39-44 as follows:

--39. (Newly Added) A method of hydrophobizing and oleophobizing and for simultaneously providing a dirt- and color-repellent treatment of surfaces, of plastics, of metals, of textiles, leather, cellulose and starch products, and of mineral building materials, comprising:

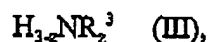
preparing a fluoroalkyl-functional group containing organosiloxane based composition, which is essentially chlorine free, by the controlled hydrolysis of at least one fluoroalkyl-functional group containing organosilane of formula Ia or Ib:



in which R<sup>1</sup> is a mono-, oligo- or perfluorinated alkyl group having 1-9 C atoms or a mono-, oligo- or perfluorinated aryl group, Y is a CH<sub>2</sub>, O or S group, R<sup>2</sup> and R are each independently a linear, branched or cyclic alkyl group having 1-8 C atoms or an aryl group and x = 0, 1 or 2 and y = 0, 1 or 2, where (x+y) ≤ 2, at a temperature in the range of 0-120°C over a period of 0.5-24 hours and with thorough mixing in an alcoholic medium which contains water and (1) a weak mono- or polybasic acid or (2) a weak base or (3) a weak mono- or polybasic acid and a weak base or (4) an acidic or basic salt, the water and alkoxysilane employed being in a molar ratio of 2-500:1; and then

applying the prepared fluoroalkyl-functional group containing organosiloxane based composition to such materials.

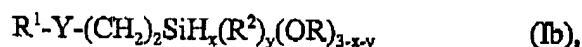
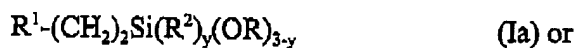
40. (Newly Added) The method of Claim 39, wherein said weak base of (2) and (3) is an alkylamine of formula (III):



wherein  $R^3$  is a linear, branched or cyclic alkyl group having 1-8 C atoms or a linear, branched or cyclic aminoalkyl group having 1-8 C atoms or an aryl group,  $z=1, 2$  or  $3$  and groups  $R^3$  are identical or different.

41. (Newly Added) A method of protecting buildings and facades, comprising:

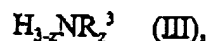
preparing a fluoroalkyl-functional group containing organosiloxane based composition, which is essentially chlorine free, by the controlled hydrolysis of at least one fluoroalkyl-functional group containing organosilane of formula Ia or Ib:



in which  $R^1$  is a mono-, oligo- or perfluorinated alkyl group having 1-9 C atoms or a mono-, oligo- or perfluorinated aryl group,  $Y$  is a  $CH_2$ , O or S group,  $R^2$  and  $R$  are each independently a linear, branched or cyclic alkyl group having 1-8 C atoms or an aryl group and  $x = 0, 1$  or  $2$  and  $y = 0, 1$  or  $2$ , where  $(x+y) \leq 2$ , at a temperature in the range of  $0-120^\circ C$  over a period of 0.5-24 hours and with thorough mixing in an alcoholic medium which contains water and (1) a weak mono- or polybasic acid or (2) a weak base or (3) a weak mono- or polybasic acid and a weak base or (4) an acidic or basic salt, the water and alkoxysilane employed being in a molar ratio of 2-500:1; and then

applying the prepared fluoroalkyl-functional group containing organosiloxane based composition to buildings and facades.

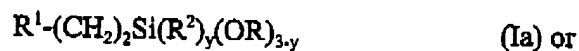
42. (Newly Added) The method of Claim 41, wherein said weak base of (2) and (3) is an alkylamine of formula (III):



wherein  $R^3$  is a linear, branched or cyclic alkyl group having 1-8 C atoms or a linear, branched or cyclic aminoalkyl group having 1-8 C atoms or an aryl group,  $z=1, 2$  or  $3$  and groups  $R^3$  are identical or different.

43. (Newly Added) A method for coating glass fibers, comprising:

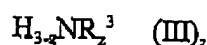
preparing a fluoroalkyl-functional group containing organosiloxane based composition, which is essentially chlorine free, by the controlled hydrolysis of at least one fluoroalkyl-functional group containing organosilane of formula Ia or Ib:



in which  $R^1$  is a mono-, oligo- or perfluorinated alkyl group having 1-9 C atoms or a mono-, oligo- or perfluorinated aryl group,  $Y$  is a  $CH_2$ , O or S group,  $R^2$  and  $R$  are each independently a linear, branched or cyclic alkyl group having 1-8 C atoms or an aryl group and  $x = 0, 1$  or  $2$  and  $y = 0, 1$  or  $2$ , where  $(x+y) \leq 2$ , at a temperature in the range of  $0-120^\circ C$  over a period of 0.5-24 hours and with thorough mixing in an alcoholic medium which contains water and (1) a weak mono- or polybasic acid or (2) a weak base or (3) a weak mono- or polybasic acid and a weak base or (4) an acidic or basic salt, the water and alkoxysilane employed being in a molar ratio of 2-500:1; and then

coating the glass fibers with the prepared fluoroalkyl-functional group containing organosiloxane based composition.

44. (Newly Added) The method of Claim 43, wherein said weak base of (2) and (3) is an alkylamine of formula (III):



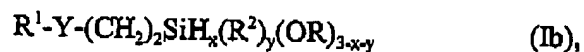
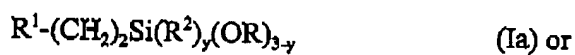
wherein  $R^3$  is a linear, branched or cyclic alkyl group having 1-8 C atoms or a linear, branched

or cyclic aminoalkyl group having 1-8 C atoms or an aryl group,  $z=1, 2$  or  $3$  and groups  $R^3$  are identical or different.--

Please amend Claim 29 as follows:

--29. (Twice Amended) A method of silanizing fillers and pigments, comprising:

[preparing] a fluoroalkyl-functional group containing organosiloxane based composition, which is essentially chlorine free, [prepared] by the controlled hydrolysis of at least one fluoroalkyl-functional group containing organosilane of formula Ia or Ib:



in which  $R^1$  is a mono-, oligo- or perfluorinated alkyl group having 1-9 C atoms or a mono-, oligo- or perfluorinated aryl group,  $Y$  is a  $CH_2$ , O or S group,  $R^2$  and  $R$  are each independently a linear, branched or cyclic alkyl group having 1-8 C atoms or an aryl group and  $x = 0, 1$  or  $2$  and  $y = 0, 1$  or  $2$ , where  $(x+y) \leq 2$ , at a temperature in the range of  $0-120^\circ C$  over a period of 0.5-24 hours and with thorough mixing in an alcoholic medium which contains water and (1) a weak mono- or polybasic acid or (2) a weak base or (3) a weak mono- or polybasic acid and a weak base or (4) an acidic or basic salt, the water and alkoxysilane employed being in a molar ratio of 2-500:1[.]; and then

applying the prepared fluoroalkyl-functional group containing organosiloxane based composition to said fillers and pigments.--